

Mission 14S, SD

Latitude	43° 07' N
Longitude	100° 37' W
Elevation	2810
Station Record Begins	8/4/1951

30 Year Normals (1981-2010)

	Max (F)	Min (F)	Mean (F)	Precipitation	Snow (in.)
January	34.0	11.1	22.5	0.38	5.1
February	37.4	13.9	25.7	0.57	6.0
March	46.9	22.0	34.4	1.21	8.2
April	58.2	31.6	44.9	2.46	6.2
May	68.9	42.7	55.8	3.37	0.1
June	79.0	53.1	66.1	3.40	0.0
July	87.3	59.3	73.3	3.17	0.0
August	86.4	57.3	71.8	2.10	0.0
September	76.5	46.9	61.7	1.75	0.3
October	62.0	34.7	48.3	1.61	1.6
November	45.9	22.3	34.1	0.84	6.1
December	34.8	12.5	23.6	0.54	6.1
Annual	59.9	34.0	47.0	21.40	39.7

January

Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	36.5	2006	5.7	1979
2	32.2	1990	9.1	1978
3	29.5	1981	11.5	1982
4	28.1	1989	12.0	1963
5	28.0	1987	12.2	1977
6	27.9	1958	12.5	1966
7	27.9	1953	12.6	1957
8	27.8	1992	13.4	1969
9	27.4	2012	13.8	1988
10	27.0	2002	14.8	1996

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	1.35	1985	1.21	01/16/1985
2	1.09	2011	0.80	01/08/1992
3	1.02	1996	0.68	01/18/1996
4	1.00	1979	0.64	01/30/2001
5	0.92	2001	0.60	01/01/1976
6	0.87	1992	0.46	01/19/1988
7	0.70	1975	0.45	01/20/1973
8	0.68	1988	0.42	01/01/2011
9	0.62	1994	0.40	01/12/1979
10	0.60	1976	0.35	01/29/1975

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	17.0	1982	12.0	01/08/1992
2	13.0	1992	9.0	01/16/1985
3	13.0	1979	7.0	01/05/2005
4	12.0	1985	6.0	01/30/2001
5	10.5	2011	6.0	01/19/1988
6	10.0	2009	6.0	01/22/1982
7	10.0	1996	6.0	01/01/1976
8	10.0	1988	5.0	01/09/1993
9	9.0	2001	5.0	01/06/1982
10	9.0	1953	5.0	01/20/1973

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	7.82	1977	2.50	03/11/1977
2	2.97	2004	1.70	03/30/1977
3	2.42	1954	1.42	03/01/2004
4	2.41	1973	1.08	03/12/1977
5	2.37	1987	1.05	03/29/2007
6	2.19	2007	1.05	03/18/1986
7	2.17	1975	1.04	03/14/1973
8	1.91	1986	1.00	03/27/1975
9	1.90	1952	1.00	03/10/1956
10	1.81	1981	0.97	03/24/2009

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	54.0	1977	12.0	03/12/1977
2	29.0	2006	12.0	03/11/1977
3	20.0	1987	11.0	03/01/1956
4	20.0	1975	10.0	03/30/1977
5	19.0	1952	8.0	03/10/2013
6	17.0	2002	8.0	03/20/2006
7	17.0	1954	8.0	03/14/2002
8	16.0	1970	8.0	03/12/1988
9	15.0	1956	8.0	03/28/1980
10	14.0	1980	8.0	03/27/1975

February

Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	41.2	1954	13.3	1989
2	35.3	1999	13.7	1978
3	34.8	1976	14.9	1960
4	34.4	1998	15.1	1979
5	33.8	1992	15.6	1994
6	33.0	1991	16.4	1993
7	32.7	2005	17.2	2007
8	32.1	2000	17.8	2001
9	32.1	1987	17.9	2014
10	31.3	1977	18.3	1966

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	2.49	1953	1.92	02/26/2000
2	2.22	2000	1.30	02/09/1980
3	1.68	1980	1.09	02/29/2012
4	1.65	2012	0.90	02/23/1977
5	1.58	1960	0.80	02/17/1962
6	1.35	1987	0.74	02/19/1953
7	1.33	1978	0.70	02/10/2009
8	1.32	1962	0.67	02/25/2007
9	1.26	1969	0.65	02/12/1978
10	1.18	1955	0.65	02/10/1953

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	23.0	1953	12.0	02/17/1962
2	22.0	1962	10.0	02/13/1978
3	19.0	1978	8.0	02/29/2012
4	16.0	1969	8.0	02/23/1977
5	15.0	1993	8.0	02/19/1951
6	13.6	1955	8.0	02/19/1953
7	13.0	1971	7.0	02/18/1991
8	12.5	2012	6.0	02/28/2009
9	12.0	1987	6.0	02/04/1997
10	11.0	2007	6.0	02/27/1996

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	6.21	2001	2.50	04/12/1970
2	4.99	1953	2.47	04/24/2010
3	4.94	2005	2.09	04/20/1971
4	4.77	1971	1.98	04/24/2008
5	4.75	1970	1.79	04/22/2005
6	4.68	1968	1.74	04/07/2001
7	4.44	2010	1.69	04/22/1968
8	4.21	1986	1.64	04/21/1977
9	4.17	1960	1.60	04/27/1964
10	4.15	1997	1.54	04/23/2001

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	40.0	1995	20.0	04/18/1995
2	26.0	1970	13.0	04/05/2009
3	18.0	2013	13.0	04/03/1968
4	17.0	1960	12.0	04/21/1970
5	17.0	1957	11.0	04/11/2008
6	15.0	2008	9.0	04/26/1988
7	15.0	1997	9.0	04/01/1960
8	15.0	1993	8.0	04/10/2013
9	15.0	1988	8.0	04/15/2011
10	15.0	1953	8.0	04/11/1995

May
Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	62.6	1985	50.6	1995
2	62.0	1977	51.6	1967
3	61.9	1958	51.7	2011
4	61.7	1955	51.8	2002
5	61.3	1987	52.6	1997
6	60.9	1964	52.7	2008
7	60.7	1994	53.0	1996
8	60.7	1969	53.2	2005
9	60.5	2007	53.5	2010
10	60.5	1962	53.7	1961

Rainfall

WETTEST		DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	
1	7.77	1977	3.07	05/10/1999
2	7.29	1982	2.98	05/27/1973
3	7.20	1995	2.59	05/21/1962
4	7.05	1962	2.50	05/13/1982
5	5.78	1999	2.34	05/07/1977
6	5.64	1990	2.27	05/25/1990
7	5.27	1990	2.25	05/26/1955
8	5.23	2007	2.17	05/18/2013
9	5.19	1996	2.17	05/28/1995
10	5.19	1960	2.00	05/18/2000

Snowfall

GREATEST		LEAST		
AMOUNT	YEAR	AMOUNT	DAY	
1	5.0	1954	5.0	05/02/1954
2	4.0	1967	4.0	05/01/1967
3	3.0	2002	3.0	05/02/2002
4	2.0	1979	2.0	05/01/1979
5	TR	2008	TR	05/03/1997
6	TR	1997	TR	05/09/1979
7	TR	1953	TR	05/14/1953
8			TR	05/12/1953
9				
10				

July
Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	80.2	2012	64.7	1992
2	78.7	2006	67.4	1993
3	78.6	1974	67.9	2009
4	77.5	1966	68.8	1958
5	77.3	2002	69.3	1972
6	76.9	1955	69.7	1994
7	76.8	2007	69.7	1971
8	76.6	1964	70.4	1962
9	76.5	1963	70.9	2014
10	76.4	1989	71.1	1967

Rainfall

WETTEST		DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	
1	8.03	1998	3.37	07/04/2000
2	7.04	1997	2.78	07/26/1998
3	6.32	2011	2.30	07/02/1981
4	5.92	1972	2.26	07/13/1994
5	5.62	1962	2.22	07/25/1972
6	5.28	1958	2.18	07/11/1987
7	5.12	2009	2.15	07/21/1978
8	4.77	1987	1.90	07/10/1990
9	4.67	1981	1.88	07/14/1966
10	4.54	1978	1.80	07/25/1987

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

June

Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	75.6	1988	61.1	2004
2	73.4	1956	61.4	1998
3	72.5	1959	61.9	1993
4	71.5	2012	61.9	1969
5	71.1	1963	62.0	2011
6	71.0	2002	62.6	1992
7	70.8	1952	62.7	1955
8	70.3	1977	63.1	2000
9	70.1	1987	63.3	1985
10	70.0	1976	63.4	2014

Rainfall

WETTEST		DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	
1	8.22	1980	3.60	06/16/1980
2	6.96	1967	2.70	06/16/1964
3	6.79	1962	2.56	06/21/2006
4	6.45	2011	2.50	06/17/1977
5	5.91	1954	2.42	06/04/1991
6	5.85	1964	2.18	06/30/1998
7	5.80	2005	1.97	06/06/2008
8	5.58	1998	1.82	06/12/2000
9	5.46	2010	1.77	06/23/1995
10	5.36	2006	1.76	06/02/1954

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

July

Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	75.9	2003	64.9	1992
2	75.8	1955	67.6	1966
3	75.7	1959	67.8	1985
4	75.5	1984	67.9	2009
5	75.2	1973	68.1	1977
6	75.1	1969	68.2	2004
7	74.9	2010	68.3	1987
8	74.7	2000	68.3	1986
9	74.5	2001	68.4	1974
10	74.4	1995	69.1	1993

Rainfall

WETTEST		DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	
1	8.54	2007	4.30	08/04/2007
2	5.11	1980	3.95	08/20/1959
3	5.07	1977	2.15	08/15/1974
4	5.04	1956	2.10	08/25/1960
5	5.00	1966	1.89	08/16/1993
6	4.36	1959	1.84	08/19/1966
7	3.85	1954	1.74	08/23/2007
8	3.59	2014	1.71	08/30/1989
9	3.43	1994	1.57	08/16/1980
10	3.13	1968	1.55	08/04/1981

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

September

Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	69.2	1998	52.0	1965
2	67.6	1979	55.7	1993
3	67.1	1990	56.8	2006
4	66.7	2013	58.0	1986
5	66.4	2005	58.1	1984
6	66.1	1978	58.2	1985
7	65.9	1969	58.2	1961
8	65.8	1952	58.3	1974
9	65.3	1963	58.6	1999
10	64.2	2012	58.6	1973

Rainfall

WETTEST		DRIEST	
AMOUNT	YEAR	AMOUNT	DAY
1	5.04	1996	2.40



November						December					
Average Temperature						Average Temperature					
WARMEST		COLDEST				WARMEST		COLDEST			
Avg	Year	Avg	Year	Avg	Year	Avg	Year	Avg	Year	Avg	Year
1	45.4	1999	17.8	1985			1	33.3	1957	15.3	2000
2	43.0	2001	24.3	1996			2	33.0	1979	15.5	2009
3	42.0	1954	25.6	2000			3	32.6	1999	15.7	1996
4	41.4	1981	26.7	1955			4	32.4	1959	15.8	1951
5	41.0	2009	27.7	2014			5	32.1	1956	16.2	1985
6	40.8	1962	27.8	1991			6	30.8	2002	16.3	1978
7	39.7	1987	27.9	1959			7	30.8	1965	16.4	1955
8	39.5	1953	28.6	1993			8	30.2	1954	17.3	1990
9	39.3	1990	28.0	1976			9	29.9	2004	17.5	2008
10	39.1	1963	29.5	1992			10	29.8	1986	17.5	1989

Rainfall						Rainfall						
WETTEST			DRIEST			WETTEST			DRIEST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	
1	2.27	1985	0.98	11/24/2001	0.00	2.00	2007	1	2.25	1951	1.09	12/27/1987
2	2.14	1987	0.95	11/03/1987	TR	1.96	1962	2	1.94	1987	0.90	12/21/2006
3	1.75	2001	0.88	11/30/1954	TR	1.958		3	1.33	2006	0.75	12/16/1981
4	1.54	1956	0.85	11/09/1985	0.02	1.964		4	1.31	2014	0.62	12/26/2009
5	1.47	1998	0.80	11/03/1956	0.04	1.976		5	1.22	2009	0.54	12/04/2013
6	1.31	1993	0.70	11/13/1993	0.05	1.974		6	1.02	1993	0.50	12/13/1951
7	1.21	1991	0.70	11/02/1972	0.07	1.955		7	1.01	1981	0.47	12/01/1970
8	1.20	1992	0.63	11/30/1981	0.08	2.002		8	0.88	1989	0.46	12/06/1993
9	1.16	2000	0.61	11/03/1998	0.09	2.009		9	0.81	1953	0.45	12/06/1951
10	1.08	1954	0.61	11/01/1995	0.09	1.961		10	0.79	2007	0.44	12/26/2014

Snowfall						Snowfall						
GREATEST			LEAST			GREATEST			LEAST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	
1	33.0	1985	9.0	11/10/1985	0.0	2.00	2007	1	28.0	1951	12.0	12/27/1987
2	19.0	1952	9.0	10/30/1954	0.0	1.967		2	25.0	1987	10.0	12/04/2013
3	16.0	1956	8.0	11/01/1995	0.0	1.960		3	15.0	1968	10.0	12/21/2006
4	11.0	2001	8.0	11/02/1972	TR	2.009		4	14.0	2009	10.0	12/06/1951
5	11.0	1972	8.0	11/17/1952	TR	1.974		5	14.0	2006	8.0	12/26/2009
6	11.0	1954	7.0	11/16/1985	TR	1.962		6	12.3	1955	8.0	12/24/1987
7	10.0	1995	7.0	11/09/1985	TR	1.958		7	12.0	2013	8.0	12/03/1955
8	10.0	1991	6.0	11/28/2001	0.4	1.971		8	11.5	2014	6.0	12/16/1981
9	10.0	1959	6.0	11/30/1981	0.8	1.955		9	10.0	1996	5.0	12/09/2003
10	9.5	1973	6.0	11/12/1959	1.0	2.002		10	10.0	1964	5.0	12/11/2000

Top 30 Precipitation Events											
Rainfall			Snowfall			Wettest			Driest		
AMOUNT	DATE	AMOUNT	DATE	AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	YEAR
1	4.30	08/04/2007	20.0	04/18/1995							
2	3.95	08/20/1959	13.0	04/05/2009							
3	3.60	06/16/1980	13.0	04/03/1968							
4	3.37	07/04/2000	12.0	01/08/1992							
5	3.07	05/10/1994	12.0	12/27/1987							
6	2.98	05/27/1973	12.0	03/12/1977							
7	2.78	07/26/1998	12.0	03/11/1977							
8	2.70	06/16/1964	12.0	04/12/1970							
9	2.69	05/31/2014	12.0	02/17/1962							
10	2.59	05/21/1962	11.0	03/10/1956							
11	2.56	06/21/2006	10.0	12/04/2013							
12	2.50	05/13/1982	10.0	02/13/1978							
13	2.50	06/17/1977	10.0	03/30/1977							
14	2.50	03/11/1977	10.0	12/06/1951							
15	2.50	04/12/1970	9.0	04/26/1988							
16	2.49	10/21/1953	9.0	11/10/1985							
17	2.47	04/24/2010	9.0	01/16/1985							
18	2.42	06/04/1991	9.0	04/01/1960							
19	2.40	09/01/1963	9.0	11/30/1954							
20	2.36	06/04/2014	8.0	04/10/2013							
21	2.34	05/07/1977	8.0	03/10/2013							
22	2.31	10/05/1995	8.0	02/29/2012							
23	2.30	07/02/1981	8.0	04/15/2011							
24	2.27	05/25/1990	8.0	12/26/2009							
25	2.26	07/13/1994	8.0	03/20/2006							
26	2.25	05/26/1955	8.0	03/14/2002							
27	2.22	07/25/1972	8.0	11/01/1995							
28	2.18	06/30/1988	8.0	04/11/1995							
29	2.18	07/11/1987	8.0	04/14/1993							
30	2.17	05/18/2013	8.0	03/12/1988							

Yearly Rainfall											
Wettest			Driest								
AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	YEAR
1	35.21	1977	11.37	1976							
2	28.23	1995	11.99	2002							
3	28.14	2007	12.36	1974							
4	27.83	1998	13.01	2012							
5	26.95	1953	13.09	2003							
6	25.83	2011	13.10	1989							
7	25.37	1962	14.00	1959							
8	24.98	2000	14.03	1961							
9	24.92	1999	14.87	1956							
10	24.80	2009	14.95	1965							

Snowfall						
Most Snow			Least Snow			
AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	YEAR	
1	86.0	1952-53	12.5	1980-81		
2	80.0	1976-77	13.4	1971-72		
3	74.0	1985-86	14.0	1999-2000		
4	72.5	1987-88	15.5	1960-61		
5	66.2	1969-70	18.0	1964-65		
6	63.0	1994-95	20.0	2011-12		
7	61.0	1959-60	21.5	1973-74		
8	58.0	2009-09	21.5	1962-63		
9	56.0	2005-06	22.0	1966-67		
10	56.0	1995-96	23.0	1963-64		